



# PUBLIC NOTICE

**File Number: NRS 14.251**

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Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**APPLICANT:** Chris Fleming  
Senior Project Scientist  
BDY Environmental. L.L.C.  
2607 Westwood Drive  
Nashville, TX 37204  
615-460-9797

**LOCATION:** Unnamed tributary to Five Mile Creek, Stream Valley Blvd, Williamson County (Lat: 35.848120/ Lon: -86.839177).

**PROJECT DESCRIPTION:** The applicant proposes to construct 2 – 50' crossings over Pratt Creek along with associated utility line crossings.

Impact 1: Latitude: 35.848213 Longitude: -86.838566  
Pratt Creek (TN05130204016\_1300)  
(Western Crossing) Proposed 50' of three sided box culvert with an 8" sewer line crossing on the upstream side and an 8" sewer line crossing at the downstream side both installed by open trench method.

Mitigation Debit: 50' of encapsulation

Impact 2: Latitude: 35.846486 Longitude: -86.836624  
Pratt Creek (TN05130204016\_1300)

(Eastern Crossing) Proposed 50' of three sided box culvert with an 8" water line crossing on the upstream side installed by open trench method.

Mitigation Debit: 50' of encapsulation

**Mitigation:** The applicant proposes to purchase 100 credits from the Tennessee In Lieu Fee Stream Mitigation Program to offset 100 debits generated by the proposed activity.

**DEGRADATION:** In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

**WATERSHED / WATERBODY DESCRIPTION:** Pratt Creek (TN05130204016\_1300) flows into Five Mile Creek which is part of the Harpeth River Watershed. The Harpeth River Watershed is located in Middle Tennessee and includes parts of Cheatham, Davidson, Dickson, Hickman, Rutherford and Williamson Counties. It includes cool springs with moderate gradient originating in the Inner Nashville Basin and warm water streams with shallow gradient flowing over exposed limestone in the Outer Nashville Basin. Even though the Harpeth River Watershed is mostly rural, a few urbanized areas are developing very rapidly. The Harpeth River Watershed is approximately 863 square miles and drains to the Cumberland River.

Pratt Creek (TN05130204016\_1300) is in the Outer Nashville Basin (71h). The channel dimensions are as follows: channel bottom width 5-16', channel top width 9-20', water depth 1-2", and bank height 2-5'. Typical substrate in this section is comprised of slab rock, boulder, cobble and gravel.

Pratt Creek was assessed in 2012. It is not supporting its designated uses. The specific uses that are not meeting use support and the causes are as follows: fish and aquatic life due to sedimentation. Therefore the stream is available for additional impacts to habitat.

**Stream Name / ID #:** Pratt Creek (TN05130204016\_1300)

**Ecoregion:** Outer Nashville Basin (71h)

**Stream Dimension:** Channel bottom width 5-16'  
Chanel top width 9-20'  
Water depth 1-2"  
Bank height 2-5'

**Substrate:** Slab Rock, boulder, cobble gravel.

<b>Designated Use</b>	<b>Use Support</b>	<b>Causes</b>
Fish and aquatic life	Not supporting	Sedimentation
Recreation	Fully supporting	
Industrial water supply	Fully supporting	
Irrigation	Fully supporting	
Livestock watering & wildlife	Fully supporting	

This stream is available for additional impacts to habitat.

**Assessment Date:** 2012

**PERMIT COORDINATOR:** Brian Canada

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable

alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

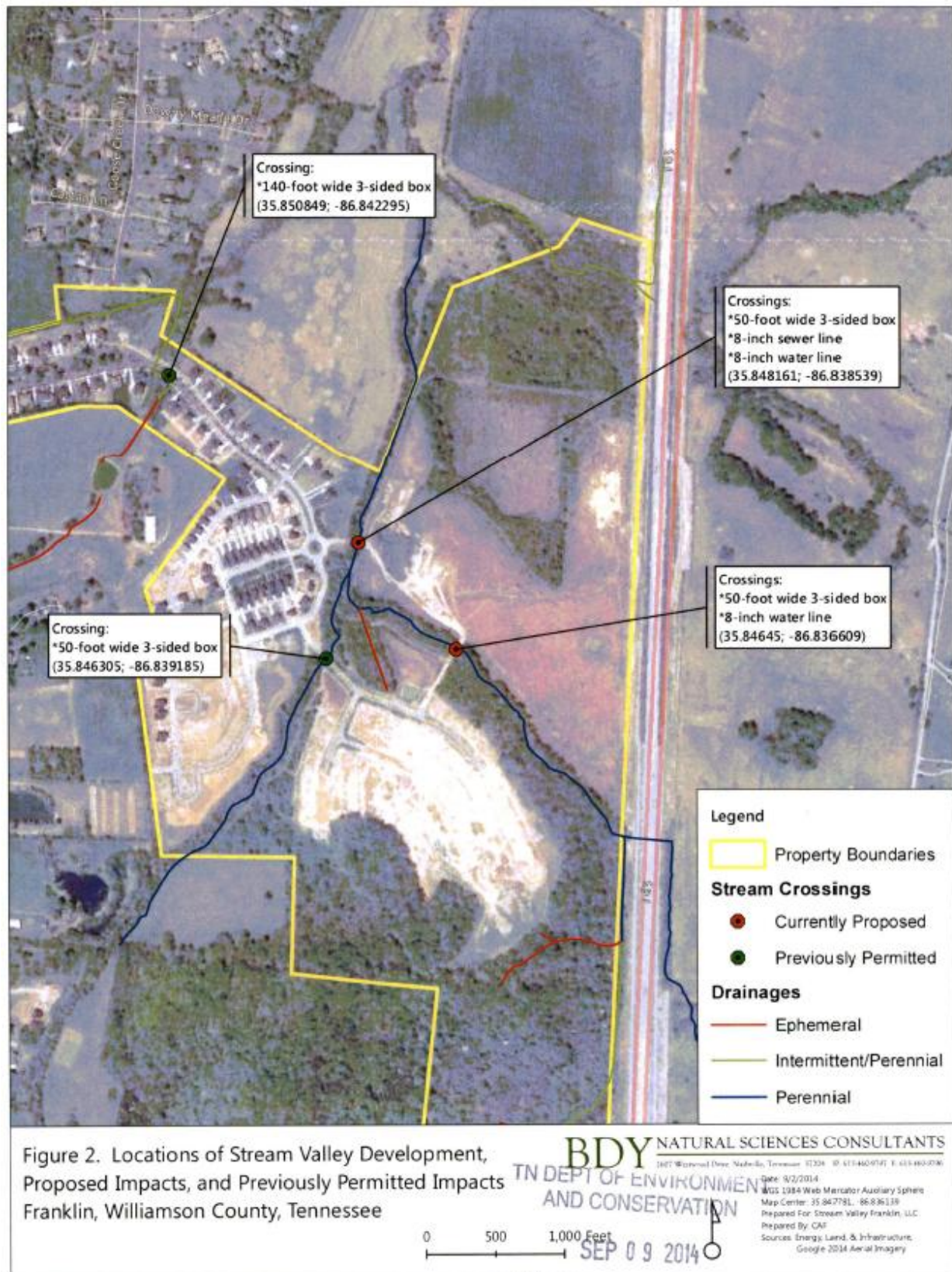
**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

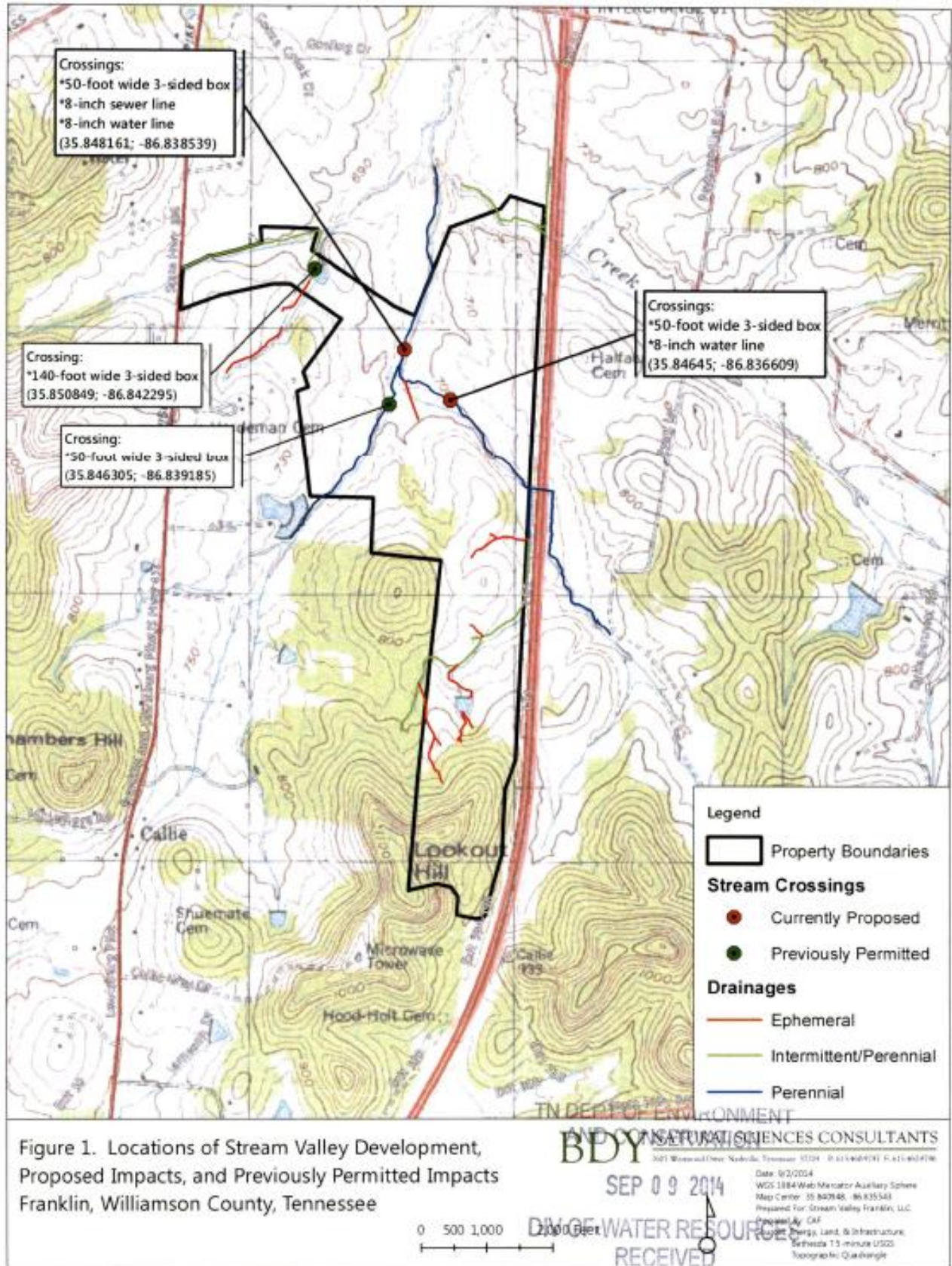
**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

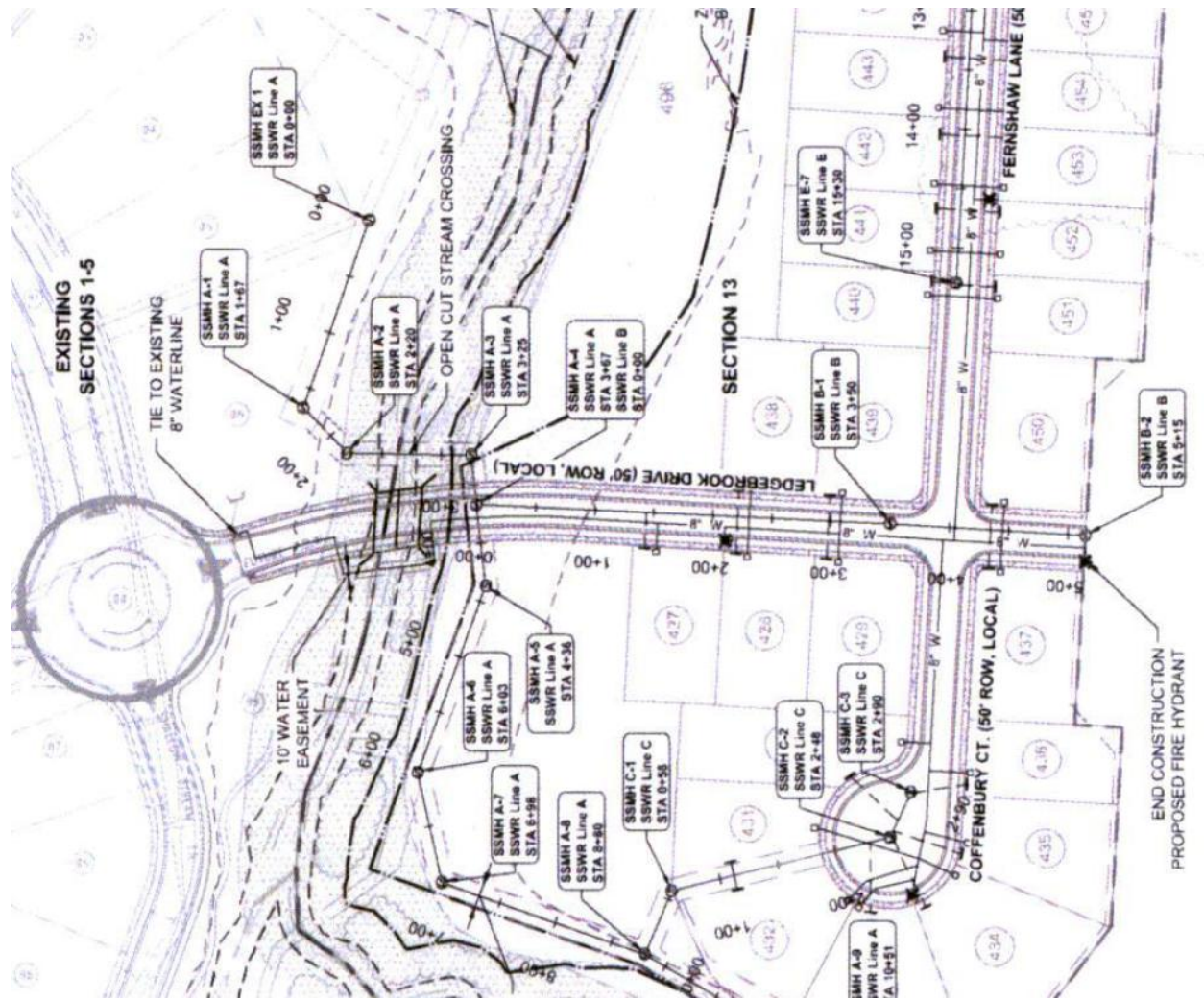
**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243

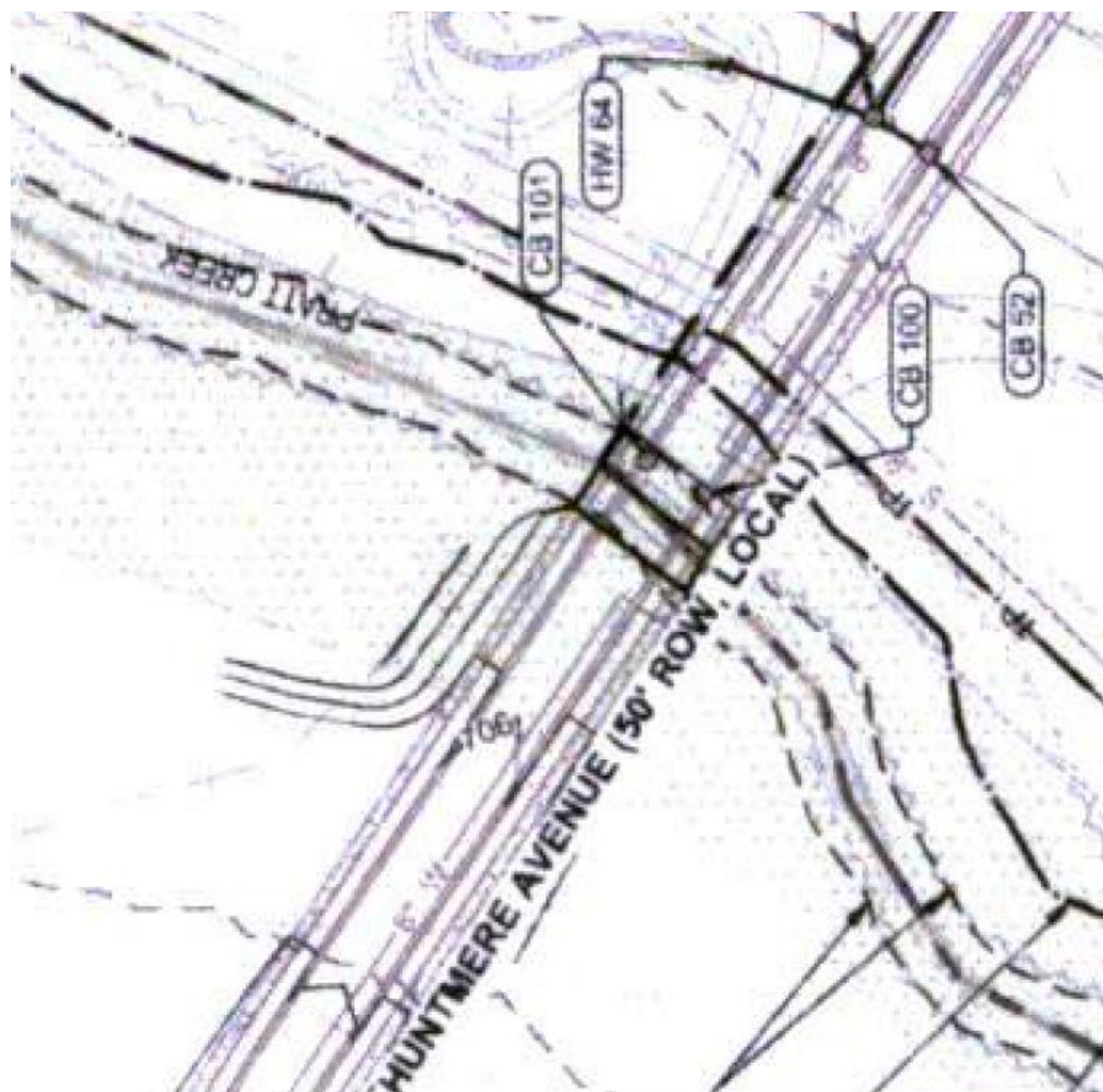


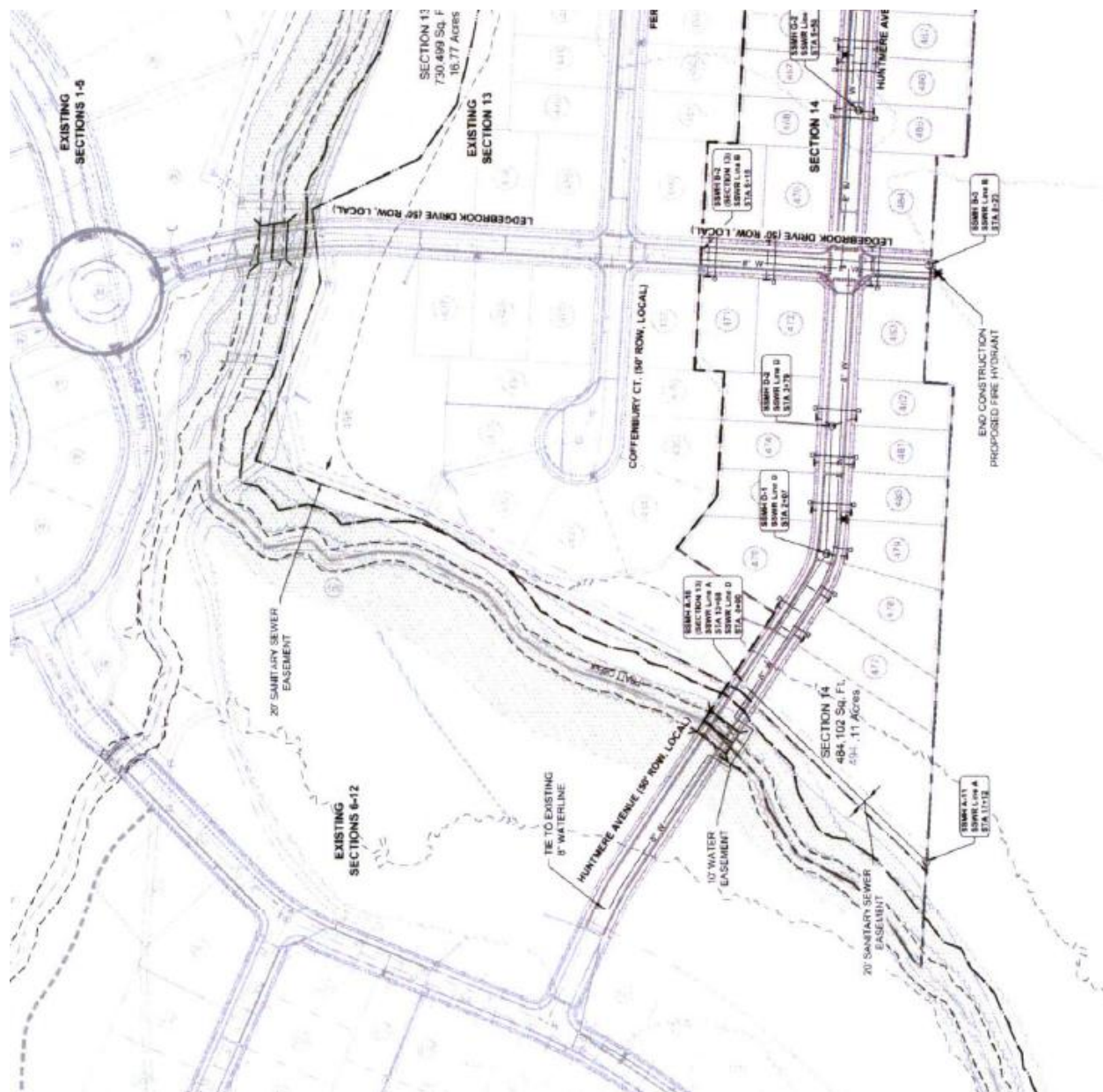
















1. View upstream at proposed western road and utility crossings from existing construction crossing.



2. View of existing construction crossing at proposed western road and utility crossings.



3. View upstream at proposed eastern road and utility crossings from existing construction crossing.



4. View of existing construction crossing at proposed eastern road and utility crossings.